AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An apparatus that provides quantitative and qualitative recommended oilfield products or services to a user as a result of a request having user requirements inputted by a user, said apparatus comprising:

    a processor;

    a server engine, said server engine constructed and arranged to accept requests having one or more user requirements from the user and send a response having one or more recommended oilfield products or services responsive to the one or more user requirements thereto;

    a pricing database, said pricing database constructed and arranged to store pricing information and to retrieve pricing information;

    an advisor database, said advisor database constructed and arranged to store advisor information and to retrieve advisor information;

    a catalog database, said catalog database constructed and arranged to store product information and to retrieve product information;

    a content relationship manager, said content relationship manager constructed and arranged to store and to retrieve client relationship data;

    a correlation engine executing on the processor;

    a pricing function module operatively connected to said pricing database and said correlation engine;

    an advisor function module operatively connected to said advisor database and said correlation engine;

    a catalog module operatively connected to said catalog database and said correlation engine; and

    a correlation engine database operatively connected to said correlation engine, said correlation engine database constructed and arranged to store a result of said correlation engine and requests from said user;

    wherein when said user submits the request having the one or more user requirements to said server engine,

    wherein said server engine forwards said request to said correlation engine, said correlation engine therein:

retrieves pricing information regarding an oilfield product or service from said pricing database through said pricing function module, the oilfield product or service comprising a plurality of parameters;

retrieves advisory information regarding the oilfield product or service from said advisor database through said advisor function module;

retrieves catalog information regarding the oilfield product or service from said catalog database through said catalog module;

generates, using the processor, a plurality of weighting factors associated with the plurality of parameters;

calculates, using the processor, a recommendation value for the oilfield product or service based on a function of the plurality of weighting factors, the recommendation value reflecting an extent the oilfield product or service satisfies the one or more user requirements; and

generates, using the processor, a ranked list comprising the oilfield product or service, a position of the oilfield product or service in the ranked list is determined based on the recommendation value, to form said response.

2. (Currently Amended) A computer system comprising:

a processor;

a server engine, the server engine constructed and arranged to accept a request having one or more user requirements from a client device;

a correlation engine operative with the server engine and executing on the processor;

a pricing function module operative with the correlation engine;

an advisor function module operative with the correlation engine;

a catalog operative with the correlation engine;

wherein upon receiving the request having one or more user requirements from the client device via the server engine, the correlation engine:

references the pricing function module, the advisor function module, and the catalog to retrieve an oilfield product or service comprising a plurality of parameters;

generates, <u>using the processor,</u> a plurality of weighting factors for the plurality of parameters;

calculates, <u>using the processor,</u> a recommendation value for the oilfield product or service based on a function of the plurality of weighting factors, the recommendation value reflecting an extent the oilfield product or service satisfies the one or more user requirements; and

generates, <u>using the processor,</u> a ranked list comprising the oilfield product or service, a position of the oilfield product or service in the ranked list is determined based on the recommendation value, and the ranked list serving as a response to the request.

3. (Original) The computer system of claim 2 further comprising:

a database, the database operative with the correlation engine, the pricing function module, the advisor function module, and the catalog.

4. (Original) The computer system as in claim 2 further comprising a pricing database operative with the pricing function module.

5. (Original) The computer system as in claim 2 further comprising an advisor database operative with the advisor function module.

6. (Original) The computer system as in claim 2 further comprising a catalog database operative with the catalog.

7. (Original) The computer system as in claim 2 further comprising a pricing database operative with the pricing function module.

8. (Original) The computer system of claim 3, wherein the database is operative with an egate interface.

9. (Cancelled)

10. (Original) The computer system of claim 2 further comprising a client relationship manager.

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11. (Original) The computer system of claim 10, wherein the client relationship manager has a customer relationship management module operative with the correlation engine.

12. (Original) The computer system of claim 11, wherein the client relationship manager is operative with client relationship data.

13. (Previously Presented) A method of providing to a user a ranking of oilfield elements from an online catalog according to a user-specified criteria comprising:

    receiving at a server engine which is part of a computer system a request from the user regarding two or more oilfield elements in the online catalog, the request including one or more user requirements;

    retrieving information about each of the oilfield elements, wherein each of the oilfield elements comprises a plurality of parameters;

    determining if each oilfield element is simple;

    if an oilfield element is not simple, then obtaining advisory input about the not-simple oilfield element from an advisory module;

    determining if the pricing of each oilfield element is simple;

    if the pricing of an oilfield element is not simple, then obtaining pricing input about the not-simple pricing from a pricing module;

    using a correlation engine the computer system, generating a plurality of weighting factors associated with the plurality of parameters and calculating a recommendation value for each oilfield element based on a function of the plurality of weighting factors, wherein the recommendation value reflects an extent the oilfield element satisfies the user requirements; and

    using the computer system, presenting the user with a list of elements comprising the two or more oilfield elements, wherein the list is sorted using the recommendation values of the two or more oilfield elements.

14. (Previously Presented) A method of providing, to a user, a ranking of oilfield elements from an online catalog according to a criteria specified by the user comprising:

  receiving at a server engine a request from the user regarding two or more oilfield elements in the online catalog, the request including one or more user requirements;

  retrieving information about each of the elements, wherein each of the oilfield elements comprises a plurality of parameters;

  determining if each oilfield element is simple;

  if an oilfield element is not simple, then obtaining advisory input about the not-simple oilfield element from an advisory module;

  determining if the pricing of each oilfield element is simple;

  if the pricing of an oilfield element is not simple, then obtaining pricing input about the not-simple pricing from a pricing module;

  prompting the user to input additional preference information based upon the advisory input and the pricing input;

  generating a plurality of weighting factors associated with the plurality of parameters and calculating a recommendation value for each oilfield element based on a function of the plurality of weighting factors, wherein the recommendation value reflects an extent the oilfield element satisfies the user requirements; and

  using the computer system, presenting the user with a list of elements comprising the two or more oilfield elements, wherein the list is sorted using the recommendation values of the two or more oilfield elements.

15. (Currently Amended) An apparatus that provides quantitative and qualitative recommended oilfield products or services to a user as the result of a request having user requirements inputted by the user, said apparatus comprising:

  a processor;

  a server engine, said server engine constructed and arranged to accept requests having one or more user requirements from the user and send a response having one or more recommended oilfield products or services responsive to the user requirements thereto;

a pricing database, said pricing database constructed and arranged to store pricing information and to retrieve pricing information;

an advisor database, said advisor database constructed and arranged to store advisor information and to retrieve advisor information;

a catalog database, said catalog database constructed and arranged to store product information and to retrieve product information;

a content relationship manager, said content relationship manager constructed and arranged to store and to retrieve client relationship data;

a correlation engine executing on the processor;

a pricing function module operatively connected to said pricing database and said correlation engine;

an advisor function module operatively connected to said advisor database and said correlation engine;

a catalog module operatively connected to said catalog database and said correlation engine; and

a correlation engine database operatively connected to said correlation engine, said correlation engine database constructed and arranged to store a result of said correlation engine and requests from the user;

wherein when the user submits the request having one or more user requirements to said server engine, said server engine forwards said request to said correlation engine, said correlation engine therein:

retrieves pricing information regarding an oilfield product or service from said pricing database through said pricing function module, the oilfield product or service comprising a plurality of parameters;

retrieves advisory information regarding the oilfield product or service from said advisor database through said advisor function module;

retrieves catalog information regarding the oilfield product or service from said catalog database through said catalog module;

generates, using the processor, a plurality of weighting factors associated with the plurality of parameters;

calculates, using the processor, a recommendation value for the oilfield product or service based on a function of the plurality of weighting

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factors, the recommendation value reflecting an extent the oilfield product or service satisfies the one or more user requirements; and generates, using the processor, a ranked list comprising the oilfield product or service, a position of the oilfield product or service in the ranked list is determined based on the recommendation value, to form said response.

16. (Cancelled)

17. (Previously Presented) An apparatus as in claim 15 wherein the oilfield service is a wireline service.

18. (Cancelled)

19. (Cancelled)

20. (Previously Presented) The apparatus of claim 1 wherein the plurality of parameters comprises at least one selected from a group consisting of a borehole size, a borehole depth, and a borehole pressure.

21. (Previously Presented) The system of claim 2 wherein the plurality of parameters comprises at least one selected from a group consisting of a borehole size, a borehole depth, and a borehole pressure.

22. (Previously Presented) The method of claim 13 wherein the plurality of parameters comprises at least one selected from a group consisting of a borehole size, a borehole depth, and a borehole pressure.

23. (Previously Presented) The apparatus of claim 15 wherein the plurality of parameters comprises at least one selected from a group consisting of a borehole size, a borehole depth, and a borehole pressure.